

AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1.-11. (Cancelled).

12. (Currently Amended) A projections system, the projection system having a chassis, the projection system comprising:

a carrier;

an image generating element;

a first optical element supported by a first mechanical holder;

a second optical element supported by a second mechanical holder;

the image generating element, the first optical element and the second optical element being located on a common optical axis ;

~~at least one of the first mechanical holder and the second mechanical holder~~ being movably supported by the carrier such that at least the first mechanical holder ~~or the second mechanical holder~~ is movable in a direction parallel to the common optical axis; and

such that the second mechanical holder is fixedly supported by the carrier and the carrier is moved along with the fixedly supported second mechanical holder while the movable first mechanical holder is held stationary relative to the chassis.

13. (Previously Presented) The projector as claimed in claim 12, in which the carrier is integrally formed in the chassis.

14. (Previously Presented) The projector as claimed in claim 12, further comprising a light source supported by the carrier.

15. (Previously Presented) The projector as claimed in claim 12, in which the carrier is separable from the chassis.

16. (Previously Presented) The projector as claimed in claim 12, in which the first optical element comprises a focusing element and the second optical element comprises a zoom element.

17. (Previously Presented) The projector as claimed in claim 12, in which at least one of the first mechanical holder or the second mechanical holder is supported by threaded members that convert rotational movement into axial movement.

18. (Previously Presented) The projector as claimed in claim 12, in which the first mechanical holder and the second mechanical holder are movable independently of one another.

19. (Previously Presented) The projector as claimed in claim 17, further comprising guide cams controlling the movement of the threaded members thus controlling the axial movement of the at least one of the first mechanical holder or the second mechanical holder.

20. (Previously Presented) The projector as claimed in claim 12, further comprising line guides between the carrier and at least one of the first mechanical holder or the second mechanical holder to allow axial movement..

21. (Cancelled).

22. (Previously Presented) The projector as claimed in claim 12, in which the image generating element is fixedly supported by the carrier.

23. (Currently Amended) A method of supporting elements in a projection system, the projection system comprising a chassis, the method comprising the steps of:

supporting a carrier on the chassis

mounting an image generating element in the projector;

mounting a first optical element supported by a first mechanical holder in the carrier;

mounting a second optical element supported by a second mechanical holder in the carrier;

aligning the image generating element, the first optical element and the second optical element such that they are located on a common optical axis;

mounting at least one of the first mechanical holder and the second mechanical holder such that the first mechanical holder and the second mechanical holder movably supported by the carrier such that at least the first mechanical holder or the second mechanical holder is movable in a direction parallel to the common optical axis; and

fixedly supporting one of the first mechanical holder and the second mechanical holder in the carrier;

holding the other of the first mechanical holder and the second mechanical holder stationary relative to the chassis and moving the carrier along with the fixedly supported mechanical holder relative to the chassis.

24. (Previously Presented) The method as claimed in claim 23, further comprising the step of forming the carrier integrally in the chassis.

25. (Previously Presented) The method as claimed in claim 23, further comprising the step of mounting a light source on the carrier.

26. (Previously Presented) The method as claimed in claim 23, further comprising the step of constructing the carrier to be separable from the chassis.

27. (Previously Presented) The method as claimed in claim 23, further comprising the step of mounting at least one of the first mechanical holder or the second mechanical holder in a threaded member that converts rotational movement into axial movement.

28. (Previously Presented) The method as claimed in claim 27, further comprising the step of installing guide cams to control the movement of the threaded member.

29. (Previously Presented) The method as claimed in claim 23, further comprising the step of installing linear guides in the carrier to allow axial movement of at least one of the first mechanical holder or the second mechanical holder.

30. (Cancelled).

31. (Previously Presented) The method as claimed in claim 23, further comprising the step of fixedly mounting the image generating element to the carrier.